## WEST Search History for Application 10564697

Creation Date: 2009092810:35

- ((magnetic adj resonance) or mri or nmr) and (magnetic with field with correlation)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or nmr) and (magnetic adj field with correlation)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or nmr) and (magnetic adj field adj correlation)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
  - ((magnetic adj resonance) or mri or mm') and (magnetic adj field adj correlation) and (asymmetric with spin with echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or nmr) and (asymmetric with spin with echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or mm') and (asymmetric with spin with echo) and (((two or more) or plurality) with spin with echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or nmr) and (asymmetric with spin with echo) and (((two or more) or plurality) with spin with echo)PGPB, USPT, USPC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or nmr) and (asymmetric with spin with echo) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USCO, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- (asymmetric with spin with echo) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- (asymmetric with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or nmr) and (asymmetric with spin with echo) and (((two or more) or plurality) with spin with echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ, 05-06-2009
  - ((magnetic adj resonance) or mri or nmr) and (asymmetric adj spin adj echo) and (((two or more) or plurality) with spin adj echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
  - ((magnetic adj resonance) or mri or nmr) and (asymmetric adj spin adj echo) and (((two or more) or plurality) with spin adj echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
  - ((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic adj field adj correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI. TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or nmr) and (magnetic adj field with correlation)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009
- ((magnetic adj resonance) or mri or nmr) and (magnetic adj field adj correlation)PGPB, USPT,

## USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009 (asymmetric adj spin adj echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

(asymmetric adj spin adj echo) and (((two or more) or plurality) with spin with echo)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

(asymmetric adj spin adj echo) and (((two or more) or plurality) with spin with echo) and ((dual with spin with echo) or (ADSE))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI. TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC) and (computer or (storage with medium) or software)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009 ((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic with field with correlation) or MFC) and (computer or (storage with medium) or software) and ((paramagnetic or iron) and (contrast with agent))PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic adj field adj correlation) or MFC) and (computer or (storage with medium) or software)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009 ((magnetic adj resonance) or mri or nmr) and (((two or more) or plurality) with spin with echo) and ((magnetic adj field adj correlation) or MFC)PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD ADJ 05-06-2009

## Prior Art Searches

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Query	DB	Op.	Plur.	Thes.	Date
((magnetic adj resonance) or mri or nmr)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(magnetic adj field with correlation)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(magnetic with field with correlation)	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES		09-28-2009

Creation Date: 2009092810:35((magnetic adj resonance) or mri or nmr) and (magnetic with field with correlation)PGF

	TDBD			- 1	
(magnetic with field with correlation) and (spin with echo)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
(magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr) and (asymmetric\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
((magnetic adj resonance) or mri or mmr) and (asymmetric\$4)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
((magnetic adj resonance) or mri or mmr) and (asymmetric\$4) and (magnetic with field with correlation)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
((magnetic adj resonance) or mri or mmr) and (asymmetric\$4) and (magnetic same field same correlation)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES		09-28-2009
((magnetic adj resonance) or mri or mmr) and (asymmetric\$4) and (magnetic same field same correlation) and (spin with echo)	PGPB, USPT, USOC,	ADJ	YES		09-28-2009

	EPAB, JPAB, DWPI, TDBD			
( 324/300 1324/301 1324/302 1324/303 1324/304 1324/305 1324/306 1324/307 1324/308 1324/303 1324/310 1324/311 1324/312 or 600/407 1600/408 1600/415 1600/411 1600/411 1600/411 1600/411 1600/411 1600/411 1600/411 1600/411 1600/425 1600/425 1600/427 1600/428 1600/429 1600/430 1600/431 1600/431 1600/431 1600/431 1600/431 1600/431 1600/431 1600/441 1600/441 1600/443	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
((324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/311   324/313   324/314   324/315   324/311   324/311   324/313   324/314   324/315   324/316   324/317   324/318   324/319   324/320   324/321   324/322   600/409   600/409   600/410   600/411   600/412   600/413   600/414   600/415   600/415   600/415   600/425   600/	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
((324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/312   324/310   324/312   324/312   324/310   324/	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
(( 324/300 1324/301 1324/302 1324/303 1324/304 1324/305 1324/306 1324/307 1324/308 1324/309 1324/310 1324/319 1324/320 1324/321 1324/322 or 600/407 1600/408 1600/419 1600/410 1600/411 1600/411 1600/41 1600/	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009

1600/432 1600/433 1600/434 1600/435 1600/436 1600/437   1600/438 1600/439 1600/440 1600/441 1600/442 1600/443   1600/444 1600/445 or 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mri or mmr) ) and ((magnetic with field with correlation))				
(( 324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/311   324/312   324/312   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/312   324/311   324/312   324	PGPB, USPT, USOC, EPAB, IPAB, DWPI, TDBD	ADJ	YES	09-28-2009
((324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/311   324/312   324/312   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/311   324/312   324/311   324/321   324/	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
6411613.pn.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
(6411613.pn. ) and asymmetric\$4	PGPB, USPT, USOC,	ADJ	YES	09-28-2009

ı				
	EPAB, JPAB, DWPI, TDBD			
6526306.рп.	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
(asymmetric asj spin with echo)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
(asymmetric adj spin with echo)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
(asymmetric adj spin with echo) and (refocus\$4 with pulse)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
(asymmetric adj spin with echo) and (refocus\$4 with pulse) and (rotation adj pulse)	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
(( 324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/312   324/313   324/314   324/315   324/316   324/311   324/318   324/313   324/315   324/316   324/317   324/318   324/319   324/320   324/321   324/322   600/407   600/408   600/409   600/410   600/411   600/411   600/418   600/419   600/414   600/415   600/416   600/423   600/424   600/425	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009

1600/426 1600/427 1600/428 1600/429 1600/430 1600/431 1600/432 1600/433 1600/434 1600/435 1600/436 1600/437 1600/438 1600/439 1600/444 1600/441 1600/442 1600/443 1600/444 1600/445 07 128/653.2 653.5).ccls. and ((magnetic adj resonance) or mir or nmr) ) and (((magnetic adj resonance) or mir or nmr) )				
((324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/312   324/314   324/315   324/316   324/317   324/316   324/313   324/312   324/314   324/315   324/316   324/317   324/318   324/319   324/320   324/321   324/322   600/407   600/408   600/409   600/410   600/411   600/411   600/412   600/413   600/411   600/415   600/421   600/421   600/422   600/423   600/424   600/425   600/425   600/426   600/427   600/428   600/429   600/430   600/431   600/	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
((324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/312   324/313   324/314   324/315   324/316   324/317   324/318   324/313   324/314   324/315   324/316   324/317   324/318   324/319   324/320   324/321   324/322   0600/407   1600/408   1600/409   1600/410   1600/411   1600/411   1600/411   1600/415   1600/411   1600/412   1600/415   1600/411   1600/412   1600/425   1600/427   1600/428   1600/420   1600/437   1600/428   1600/428   1600/430   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/431   1600/341   1600/	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
((324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/312   324/313   324/313   324/313   324/315   324/316   324/311   324/315   324/313   324/315   324/315   324/316   324/315   324/319   324/320   324/321   324/320   324/321   324/321   324/321   324/315   324/	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009

with field with correlation) ) and ((magnetic with field with correlation) and (spin with echo) and ((magnetic adj resonance) or mri or nmr) )				
((324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/311   324/312   324/316   324/316   324/317   324/316   324/	PGPB, USPT, USOC, EPAB, JPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
(( 324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/312   324/313   324/314   324/315   324/316   324/317   324/318   324/313   324/314   324/315   324/316   324/317   324/318   324/319   324/321   324/321   324/322   600/407   600/408   600/409   600/410   600/411   600/411   600/413   600/411   600/415   600/421   600/421   600/421   600/421   600/425   600/423   600/426   600/427   600/428   600/423   600/436   600/431   600	PGPB, USPT, USOC, EPAB, JPAB, JPAB, DWPI, TDBD	ADJ	YES	09-28-2009
(( 324/300   324/301   324/302   324/303   324/304   324/305   324/306   324/307   324/308   324/309   324/310   324/311   324/312   324/313   324/313   324/313   324/315   324/315   324/316   324/315   324	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	ADJ	YES	09-28-2009

1600/420 1600/421 1600/422 1600/423 1600/424 1600/425	TDBD			
1600/426 1600/427 1600/428 1600/429 1600/430 1600/431				
1600/432 1600/433 1600/434 1600/435 1600/436 1600/437				
1600/438 1600/439 1600/440 1600/441 1600/442 1600/443				
l600/444 l600/445 or 128/653.2 653.5).ccls. and			l	
((magnetic adj resonance) or mri or nmr) and			l	
((magnetic adj resonance) or mri or nmr) and			l	
(magnetic adj field with correlation) and (magnetic				
with field with correlation) and (magnetic with field				
with correlation) and (spin with echo) and ((magnetic				
adj resonance) or mri or nmr) and ((magnetic adj				
resonance) or mri or nmr) and (asymmetric\$4) and				
(magnetic same field same correlation) and (spin with				
echo) ) and (rotation adj pulse)				